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**State of Utah**  
**DEPARTMENT OF NATURAL RESOURCES**  
**Division of Oil, Gas & Mining**

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

Supervisor 1027

**Inspection Report**  
**Minerals Regulatory Program**

Report Date: June 7, 2005

**Mine Name:** Torrey Buff

**Operator or Permittee Name:**  
State Stone

**Permittee Mailing Address:**  
4640 S. Commerce Dr., Murray, UT 84107

**Inspector(s):** Paul Baker and Doug Jensen

**Other Participants:** Keith MacKay

**Permit Status:** Unpermitted

**Current Acreages:** :

**Total Permitted (Bonded):** 0

**Total Disturbed:** 4.98 acres unreclaimed; an  
additional 4.56 acres has been regraded and seeded

**Permit number:** S/055/021

**Inspection Date:** May 11, 2005

**Weather:** Partly cloudy, breezy, cool

**Inspection Start Time:** 11:40 AM

**Inspection End Time:** 1:00 PM

**Site location/Area Inspected (i.e. Pit #):**  
Entire area

**Surface Ownership:** Fee and BLM

**Mineral Ownership:** Fee and BLM

**Mineral Mined:** Sandstone

**Type of Mine:** Surface

Elements of Inspection	Evaluated	N/A	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (open shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Explosives, magazines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Demolition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Backfilling and Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



**Purpose of Inspection:**

We wanted to see how the vegetation was progressing, and Mr. Jensen needed to see the sites so he could have a better idea how much bond should be required.

**Inspection Summary:**

1. Permits, Revisions, Transfer, Bonds

On April 21, 2005, the Division wrote the operator and conditionally approved the Notice of Intention to Commence Small Mining Operations. The conditions include submission of a reclamation bond of \$13,500 and verification that certain reclamation had been completed.

10. Backfilling and Grading (trenches, pits, roads, highwalls, shafts, drill holes)

The operator was to have regraded a 0.15-acre area on the south side of the west quarry, but this has not been done. Mr. MacKay still intends to do this work. Regrading of certain other areas was done in 2004 and is discussed in the report for the November 4, 2004, inspection.

12. Soils

Because of the lack of seedlings in the processing/loading area (see below), we took soil samples from this area and from an adjacent undisturbed area. My primary concern is whether the soils have high salt concentrations.

13. Revegetation

The processing/loading area at the west quarry is flat and fairly smooth (Photo 3). We found a few seedlings, mostly next to rocks. There was a fair amount of halogeton. Although there could still be more germination this year, I am concerned about the lack of vegetation.

At the east quarry, we found a lot of grass seedlings in the regraded areas (Photo 8). Like the processing/loading area at the west quarry, this area was also left very smooth, and I was surprised how well the grass was germinating.

**Conclusions/Recommendations:**

The areas that have not been graded total 4.98 acres. Vegetation has just started to grow in these regraded areas, and it has not survived a growing season.

Normally, the Division would require that the vegetation would have survived a growing season before not including it in the permitted area; however, in previous correspondence, the Division has stated that the sites could be permitted as a single small mine since the grading has been done. Because of these statements, the Division should probably not vary from this determination. Even though these regraded areas would not be included in the Notice of Intention, the bond amount the Division has required from the operator includes money for revegetating these areas.

**Inspector's Signature** \_\_\_\_\_

**Date:** June 7, 2005

PBB:jb

Enclosures: Photo attachment

cc: Keith MacKay  
Buzz Rakow, BLM

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## ATTACHMENT

### Photographs

S/055/021, State Stone's Torrey Buff Mine

Inspection Dated: May 11, 2005 ; Report Dated: June 7, 2005





